AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system comprising:
a plurality of devices, wherein devices within the plurality of devices communicate with incompatible protocols;
a first device in the plurality of devices having a universal contextual interface, the universal contextual interface associated with at least one instruction for transferring contextual data associated with the first device; and
a second device in the plurality of devices that invokes the universal contextual interface of the first device to execute the at least one instruction to transfer the contextual data associated with the first device between the first device and at least one of the other devices in the plurality of devices, the plurality of devices having no prior knowledge of each other.

2. (Previously Presented) The system as set forth in claim 1 wherein the at least one of the plurality of devices comprises the second device.

3. (Previously Presented) The system as set forth in claim 1 wherein the first device sends a context object to the second device to be used by the second device to transfer the contextual data.

4. (Previously Presented) The system as set forth in claim 1 wherein the second device receives a context object from the first device to be used by the at

2

3   least one of the plurality of devices for receiving contextual data transmitted from

4   the first device.

1   5. (Previously Presented) The system as set forth in claim 1 wherein the at

2   least one of the plurality of devices uses the contextual data as a criteria to

3   authorize the first device or the second device to access instructions, data or

4   operations associated with the at least one of the plurality of devices.

1   6. (Previously Presented) The system as set forth in claim 1 wherein the

2   universal contextual interface or a context object have source-specific, object-

3   oriented mobile code that can be understood and performed by the at least one of

4   the plurality of devices to receive contextual data.

1   7. (Previously Presented) The system as set forth in claim 1 wherein the

2   plurality of devices further comprise at least one software application or at least

3   one file.

1   8. (Currently Amended) The system as set forth in claim 1 wherein the

2   first device further comprises a historical database having at least one record of

3   data provided by the second device during invocation of the universal contextual

4   interface.

1   9. (Previously Presented) The system as set forth in claim 1 wherein the

2   second

3   device invokes a universal notification interface to register the at least one of the

4   plurality of devices to receive an event notification each time the contextual data

5   changes.

1   10. (Previously Presented) The system as set forth in claim 1 wherein the

2   contextual data comprises executable computer language instructions, or a type,

3   operating status, identity, location, administrative domain or environment

4   information of at least one of the plurality of devices.

1   11. (Currently amended) A method for providing context information, the

2   method comprising:

3   invoking a universal contextual interface associated with a first device in a

4   plurality of devices, the contextual interface associated with at least one

5   instruction for transferring contextual data associated with the first device,

6   wherein devices within the plurality of devices communicate with incompatible

7   protocols; and

8   executing the at least one instruction to transfer the contextual data

9   associated with the first device between the first device and a second device in the

10   plurality of devices, the plurality of devices having no prior knowledge of each

11   ·other.

1   12. (Previously Presented) The method as set forth in claim 11 wherein the

2   second device or a third device in the plurality of devices perform the invoking

3   and executing.

1   13. (Previously Presented) The method as set forth in claim 11 further

2   comprising sending a context object to the at least one of the plurality of devices

3   to be used for transferring the contextual data.

1   14. (Previously Presented) The method as set forth in claim 11 further

2   comprising using the contextual data as a criteria to authorize the second device to

3   access instructions, data or operations associated with the one of the plurality of

4

4   devices.

1   15. (Previously Presented) The method as set forth in claim 11 wherein the

2   universal contextual interface or a context object have source-specific, object-

3   oriented mobile code that can be interpreted and performed by the first device or

4   the at least one of the plurality of devices to receive contextual data.

1   16. (Previously Presented) The method as set forth in claim 11 wherein the

2   plurality of devices further comprise at least one software application or at least

3   one file.

1   17. (Original) The method as set forth in claim 11 further comprising

2   storing in a historical database at least one record of data provided during

3   invocation of the universal contextual interface.

1   18. (Previously Presented) The method as set forth in claim 11 further

2   comprising invoking a universal notification interface to register the at least one

3   of the plurality of devices to receive an event notification each time the contextual

4   data changes.

1   19. (Previously Presented) The method as set forth in claim 11 wherein the

2   contextual data comprises executable computer programming language

3   instructions or a type, operating status, identity, location, administrative domain or

4   environment information of at least one of the devices or of at least one user of the

5   plurality of devices.

1   20. (Currently amended) A computer readable medium having stored

2   thereon instructions for providing context information, which when executed by at

3   least one processor, causes the processor to perform:

4   invoking a universal contextual interface associated with a first device in a

5   plurality of devices, the contextual interface associated with at least one

6   instruction for transferring contextual data associated with the first device,

7   wherein devices within the plurality of devices communicate with incompatible

8   protocols; and

9   executing the at least one instruction to transfer the contextual data

10   associated with the first device between the first device in and a second device in

11   the plurality of devices, the plurality of devices having no prior knowledge of each

12   other.

1   21. (Previously Presented) The medium as set forth in claim 20 wherein

2   the second device or a third device in the plurality of devices perform the

3   invoking and executing.

1   22. (Previously Presented) The medium as set forth in claim 20 further

2   comprising sending a context object to the at least one of the plurality of devices

3   to be used for transferring the contextual data.

1   23. (Previously Presented) The medium as set forth in claim 20 further

2   comprising using the contextual data as a criteria to authorize the second device to

3   access instructions, data or operations associated with the one of the plurality of

4   devices.

1   24. (Previously Presented) The medium as set forth in claim 20 wherein

2   the universal contextual interface or a context object have source-specific, object-

3   oriented mobile code that can be interpreted and performed by the first device or

4   the at least one of the plurality of devices to receive contextual data.

1   25. (Previously Presented) The medium as set forth in claim 20 wherein

2   the plurality of devices further comprise at least one software application or at

3   least one file.

1   26. (Original) The medium as set forth in claim 20 further comprising

2   storing in a historical database at least one record of data provided during

3   invocation of the universal contextual interface.

1   27. (Previously Presented) The medium as set forth in claim 20 further

2   comprising invoking a universal notification interface to register the at least one

3   of the plurality of devices to receive an event notification each time the contextual

4   data changes.

1   28. (Previously Presented) The medium as set forth in claim 20 wherein

2   the contextual data comprises executable computer programming language

3   instructions or a type, operating status, identity, location, administrative domain or

4   environment information of at least one of the devices or of at least one user of the

5   plurality of devices.